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DIVISION OF FOREST PEST CONTROL

Northeastern Area State & Private Forestry

A-68-14

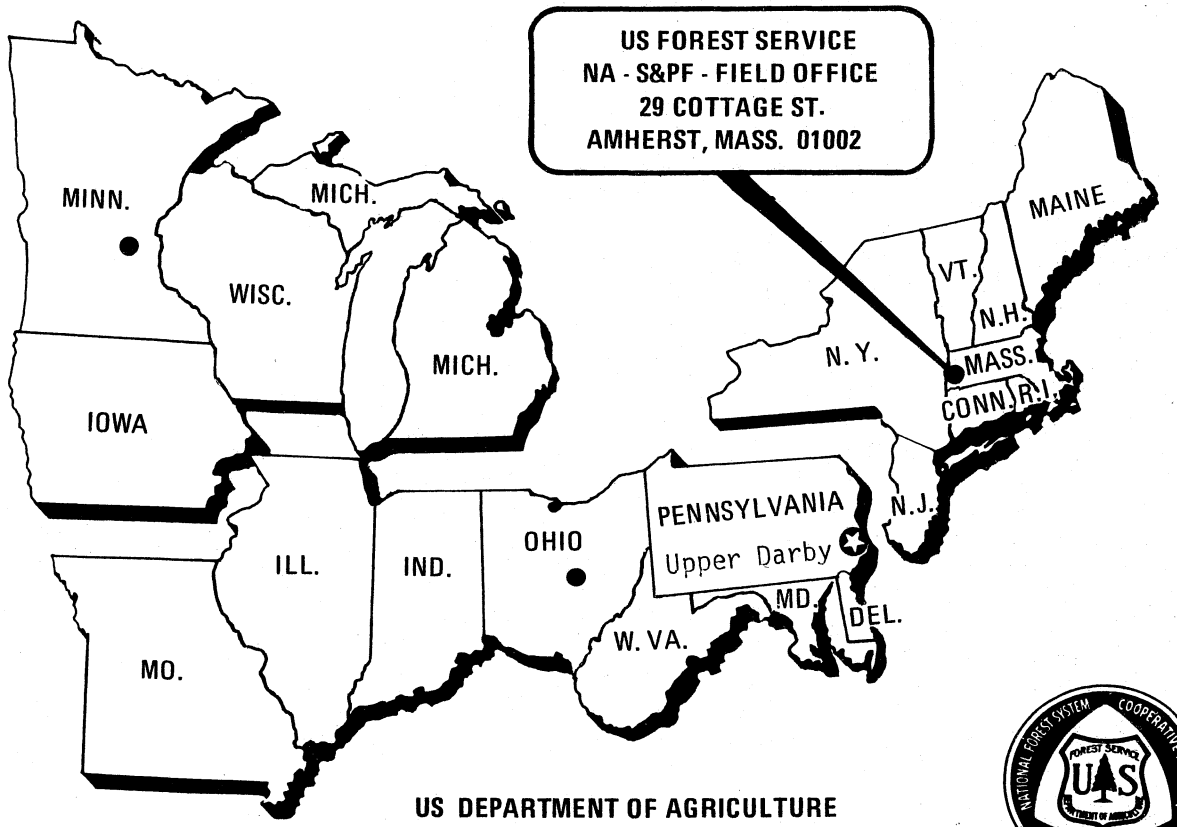
DETECTION REPORT

5220

MAPLE BARK SCALE — NECTRIA
on the
WHITE MOUNTAIN NATIONAL FOREST

by
James S. Hadfield, Pathologist

September 1968



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September 16, 1968

DETECTION REPORT

Maple Bark Scale - Nectria

on the

White Mountain National Forest

by

James S. Hadfield, Pathologist

U. S. Department of Agriculture - Forest Service
Northeastern Area, State and Private Forestry
Amherst FPC Field Office, Amherst, Massachusetts

PESTS OBSERVED

Maple bark scale - Cryptococcus williamsi
Nectria species - probably Nectria coccinea var faginata

HOST TREE ATTACKED

Sugar maple - Acer saccharum

TYPE OF DAMAGE

Bleeding canker, open faced cankers and large areas of necrosis under the bark.

LOCATION

White Mountain National Forest, Kilkenny Wildlife Management Area

METHOD OF IDENTIFICATION

Macroscopic and microscopic examination and comparison of Nectria perithecia found on maple and those found on beech. Identification of ascospores. Microscopic identification of cultures isolated from wood chips placed on 2% malt extract agar.

OBSERVERS

James Hadfield, Vaughan McCowan

COMMENTS

The Amherst Field Office will conduct a survey on the WMNF and on the GMNF to determine if Nectria infection appears to be correlated to maple bark scale infestation and to determine the extent of this pest combination.

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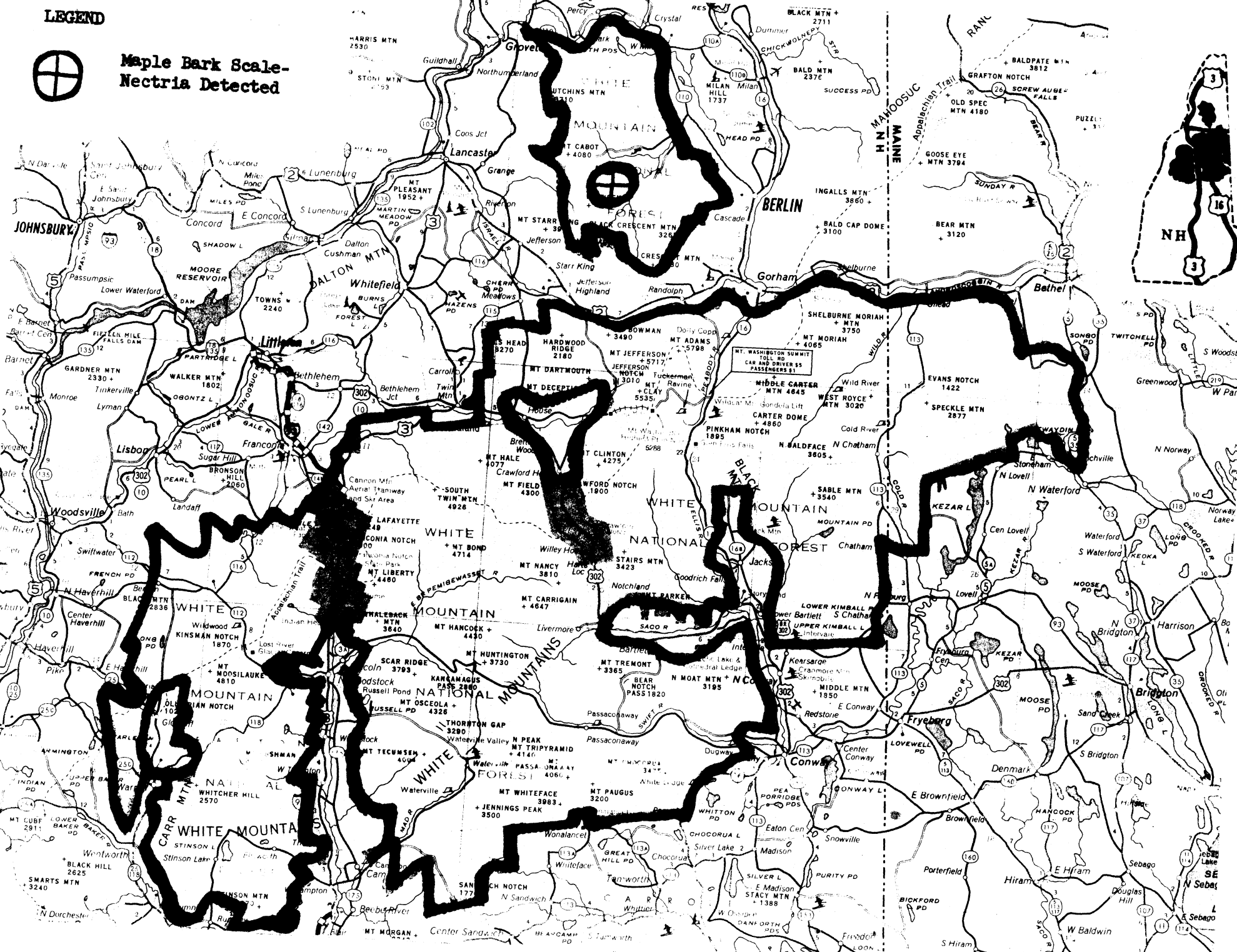
LEGEND
Maple Bark Scale-
Nectria Detected
WHITE MOUNTAIN NATIONAL FOREST
WHITE MOUNTAINS
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NH
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BERLIN
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Whitefield
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